FIG. 1

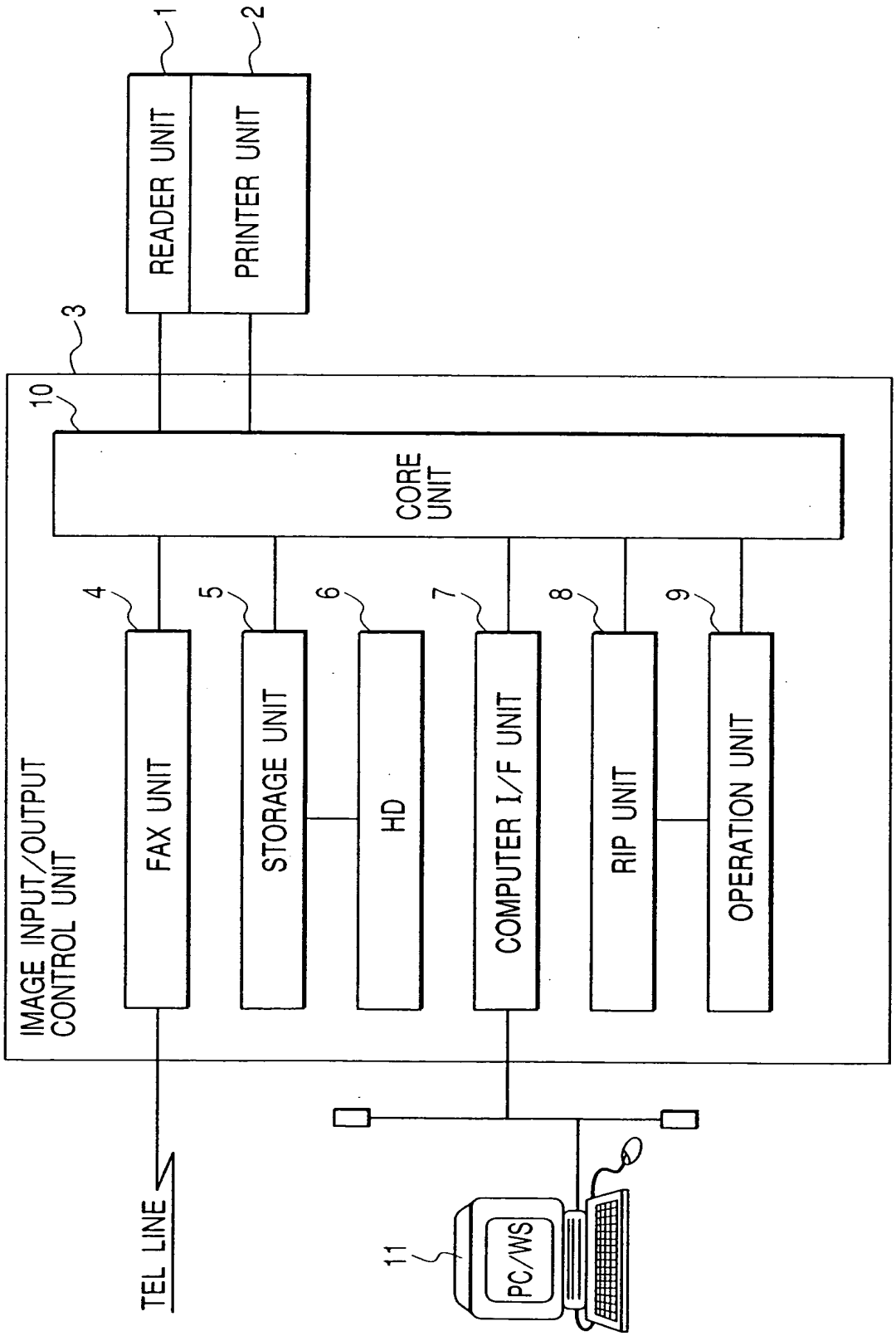

READER UNIT
PRINTER UNIT
1
2
3
IMAGE INPUT/OUTPUT CONTROL UNIT
10
CORE UNIT
4
FAX UNIT
5
STORAGE UNIT
6
HD
7
COMPUTER I/F UNIT
8
RIP UNIT
9
OPERATION UNIT
TEL LINE
11
PC/WS

FIG. 2

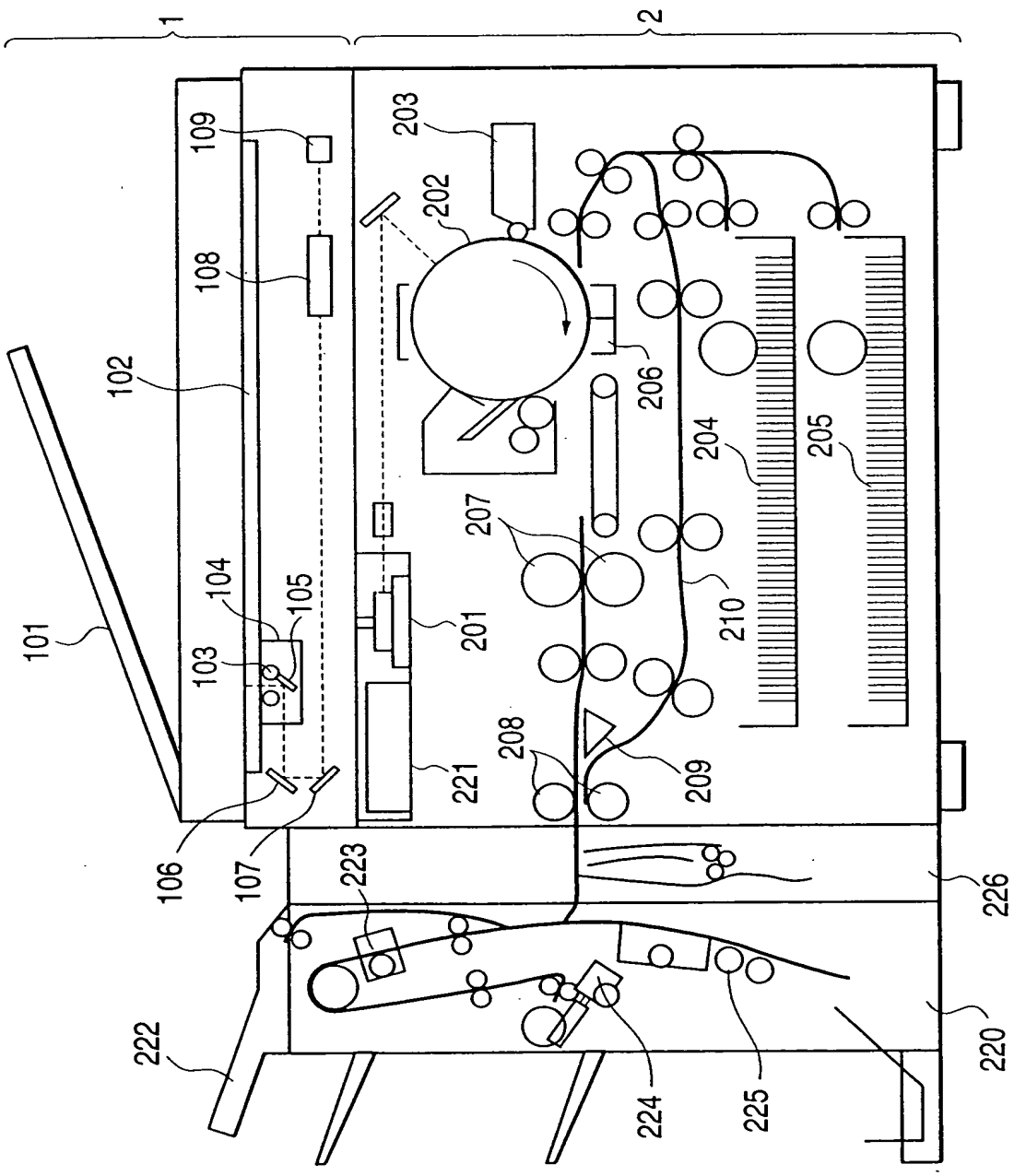

1
2
101
102
103
104
105
106
107
108
109
201
202
203
204
205
206
207
208
209
210
220
221
222
223
224
225
226

FIG. 3

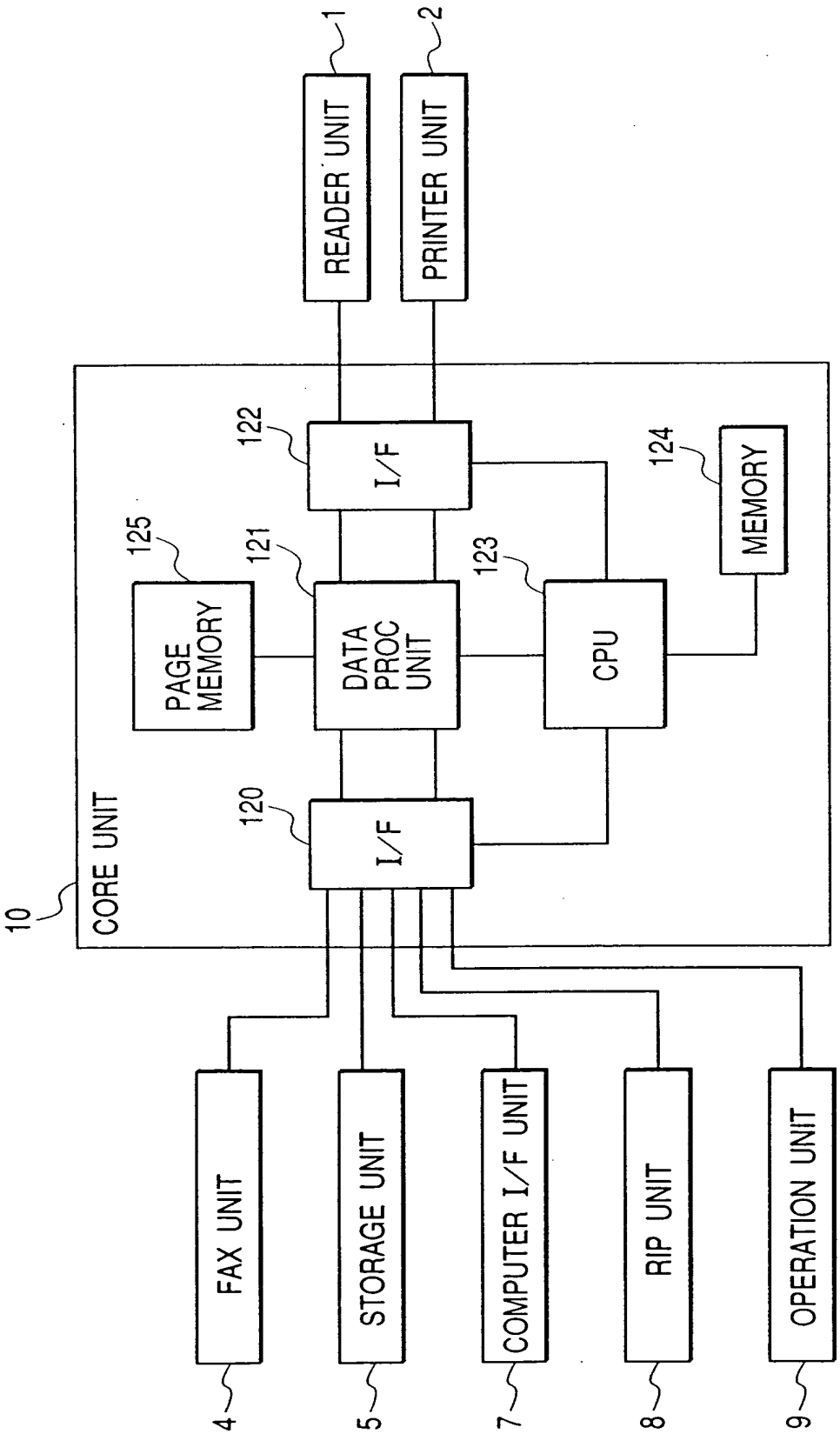

READER UNIT
1
PRINTER UNIT
2
CORE UNIT
10
I/F
122
I/F
120
PAGE MEMORY
125
DATA PROC UNIT
121
CPU
123
MEMORY
124
FAX UNIT
4
STORAGE UNIT
5
COMPUTER I/F UNIT
7
RIP UNIT
8
OPERATION UNIT
9

FIG. 4

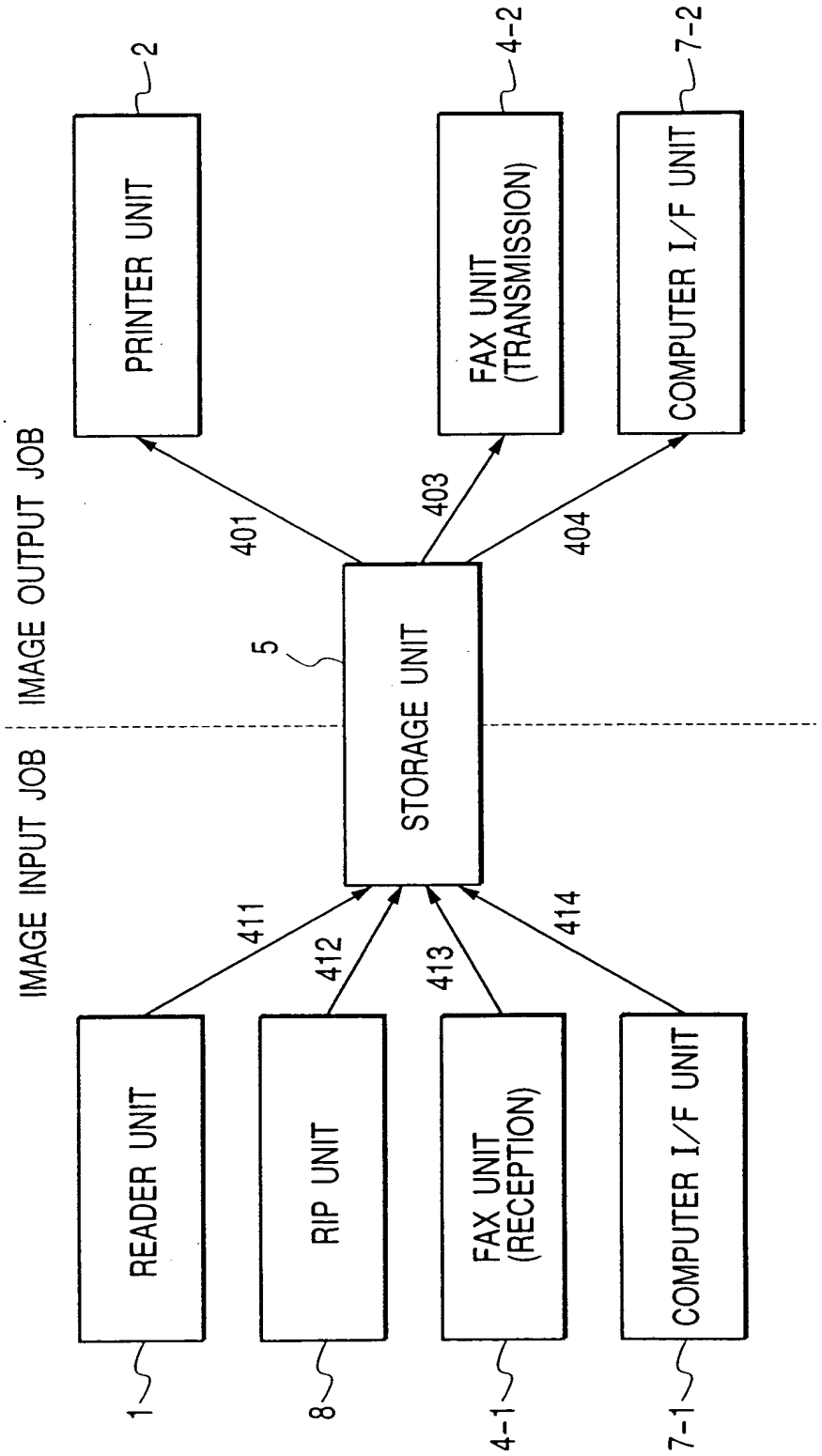


IMAGE INPUT JOB
IMAGE OUTPUT JOB
READER UNIT
RIP UNIT
FAX UNIT (RECEPTION)
COMPUTER I/F UNIT
STORAGE UNIT
PRINTER UNIT
FAX UNIT (TRANSMISSION)
COMPUTER I/F UNIT
1
8
4-1
7-1
5
2
4-2
7-2
411
412
413
414
401
403
404

FIG. 5

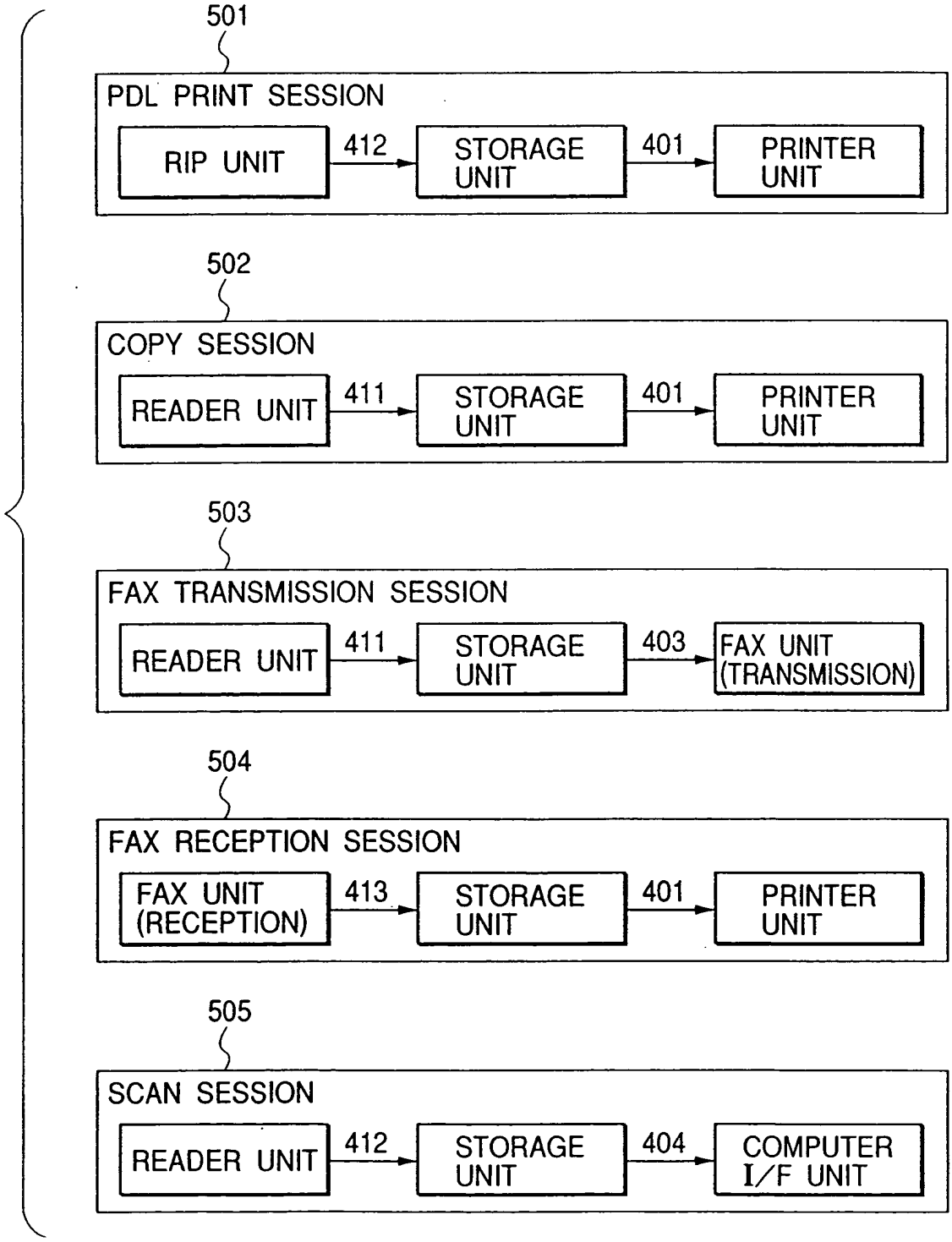

501
PDL PRINT SESSION
RIP UNIT
412
STORAGE UNIT
401
PRINTER UNIT
502
COPY SESSION
READER UNIT
411
STORAGE UNIT
401
PRINTER UNIT
503
FAX TRANSMISSION SESSION
READER UNIT
411
STORAGE UNIT
403
FAX UNIT (TRANSMISSION)
504
FAX RECEPTION SESSION
FAX UNIT (RECEPTION)
413
STORAGE UNIT
401
PRINTER UNIT
505
SCAN SESSION
READER UNIT
412
STORAGE UNIT
404
COMPUTER I/F UNIT

FIG. 6

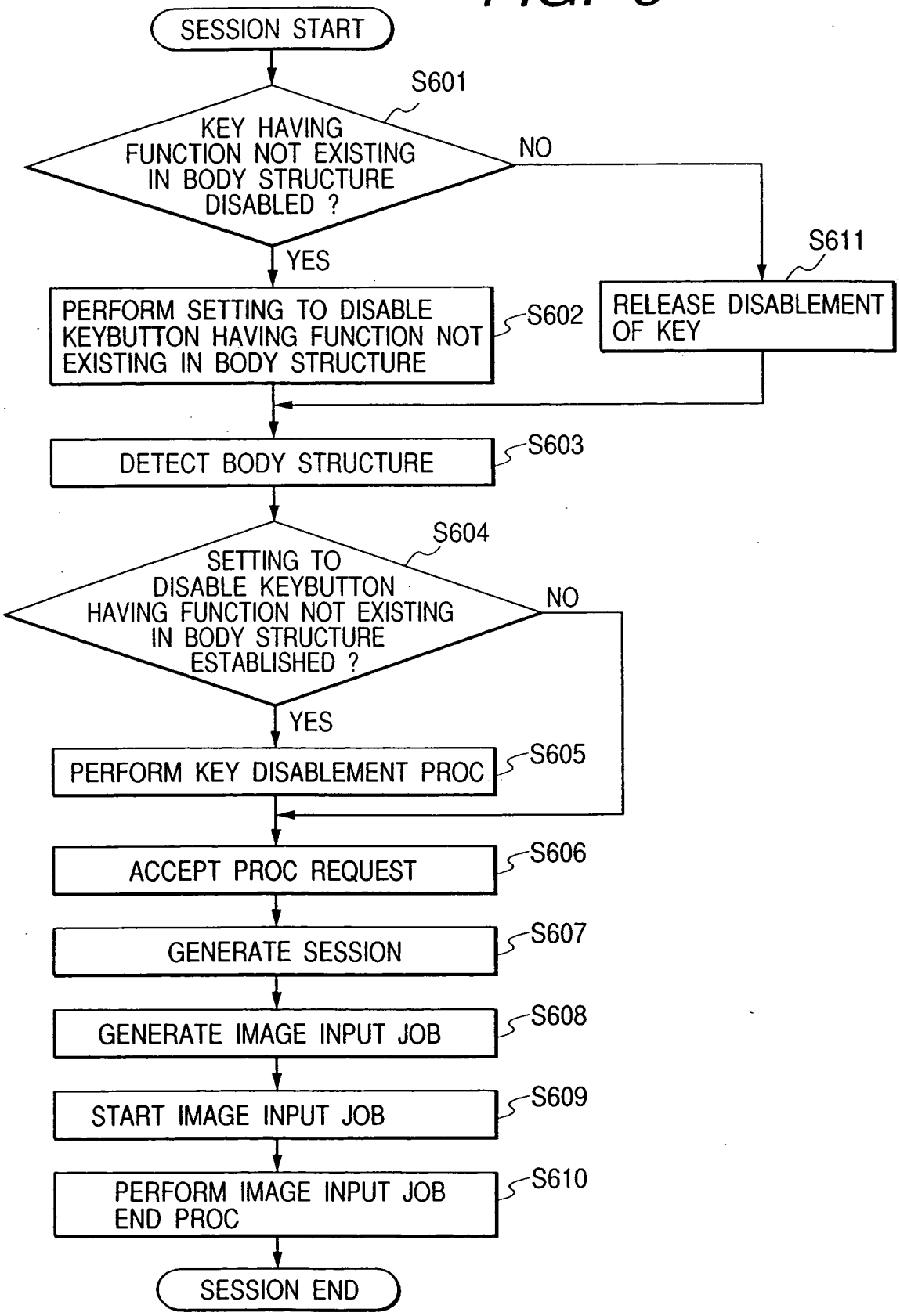

SESSION START
S601
KEY HAVING FUNCTION NOT EXISTING IN BODY STRUCTURE DISABLED ?
NO
YES
S611
RELEASE DISABLEMENT OF KEY
PERFORM SETTING TO DISABLE KEYBUTTON HAVING FUNCTION NOT EXISTING IN BODY STRUCTURE
S602
DETECT BODY STRUCTURE
S603
S604
SETTING TO DISABLE KEYBUTTON HAVING FUNCTION NOT EXISTING IN BODY STRUCTURE ESTABLISHED ?
NO
YES
PERFORM KEY DISABLEMENT PROC
S605
ACCEPT PROC REQUEST
S606
GENERATE SESSION
S607
GENERATE IMAGE INPUT JOB
S608
START IMAGE INPUT JOB
S609
PERFORM IMAGE INPUT JOB END PROC
S610
SESSION END

FIG. 7

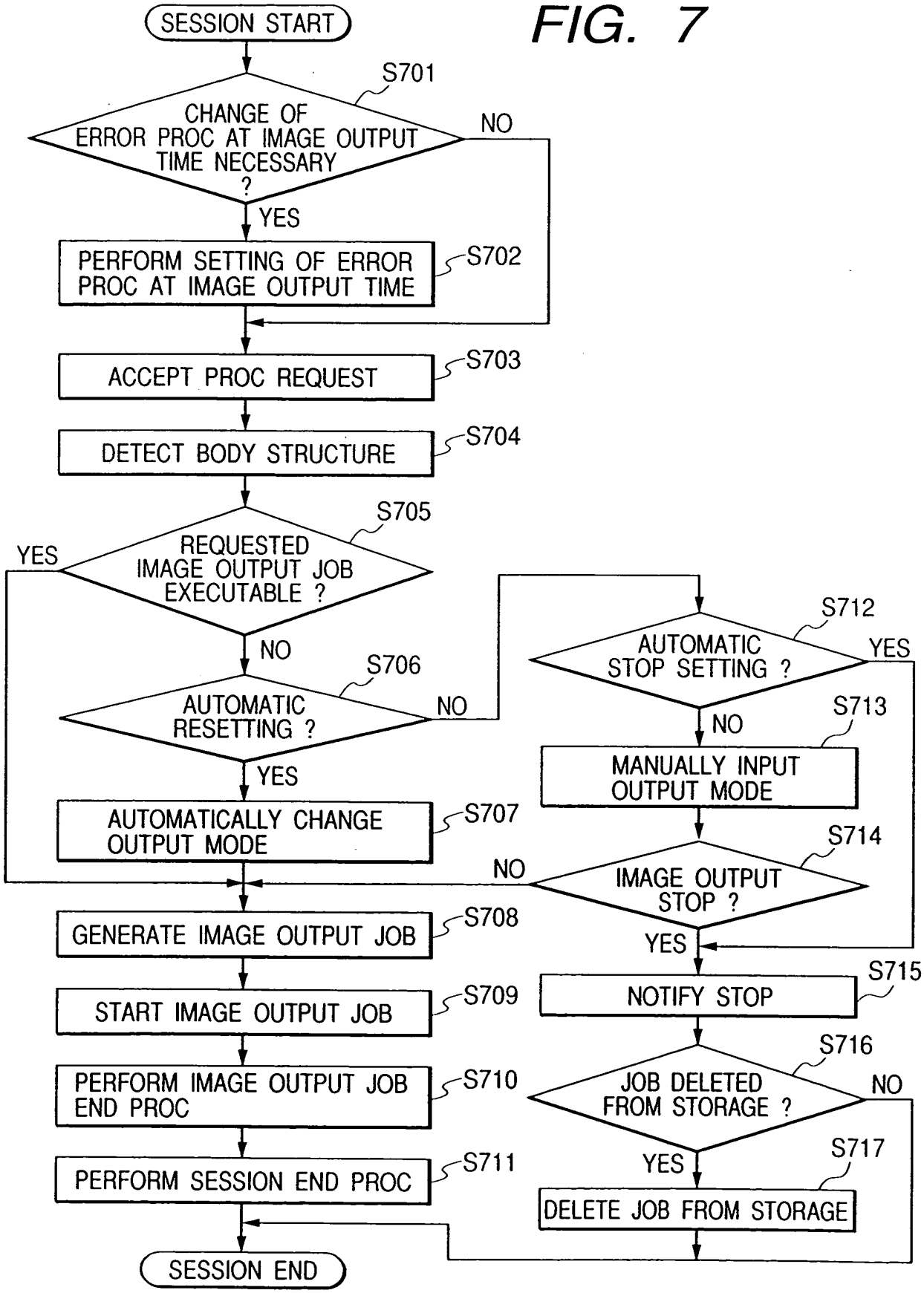

SESSION START
S701
CHANGE OF ERROR PROC AT IMAGE OUTPUT TIME NECESSARY ?
NO
YES
PERFORM SETTING OF ERROR PROC AT IMAGE OUTPUT TIME
S702
ACCEPT PROC REQUEST
S703
DETECT BODY STRUCTURE
S704
S705
REQUESTED IMAGE OUTPUT JOB EXECUTABLE ?
YES
NO
S706
AUTOMATIC RESETTING ?
NO
YES
AUTOMATICALLY CHANGE OUTPUT MODE
S707
S712
AUTOMATIC STOP SETTING ?
YES
NO
S713
MANUALLY INPUT OUTPUT MODE
S714
IMAGE OUTPUT STOP ?
NO
YES
GENERATE IMAGE OUTPUT JOB
S708
START IMAGE OUTPUT JOB
S709
PERFORM IMAGE OUTPUT JOB END PROC
S710
PERFORM SESSION END PROC
S711
S715
NOTIFY STOP
S716
JOB DELETED FROM STORAGE ?
NO
YES
S717
DELETE JOB FROM STORAGE
SESSION END

FIG. 8

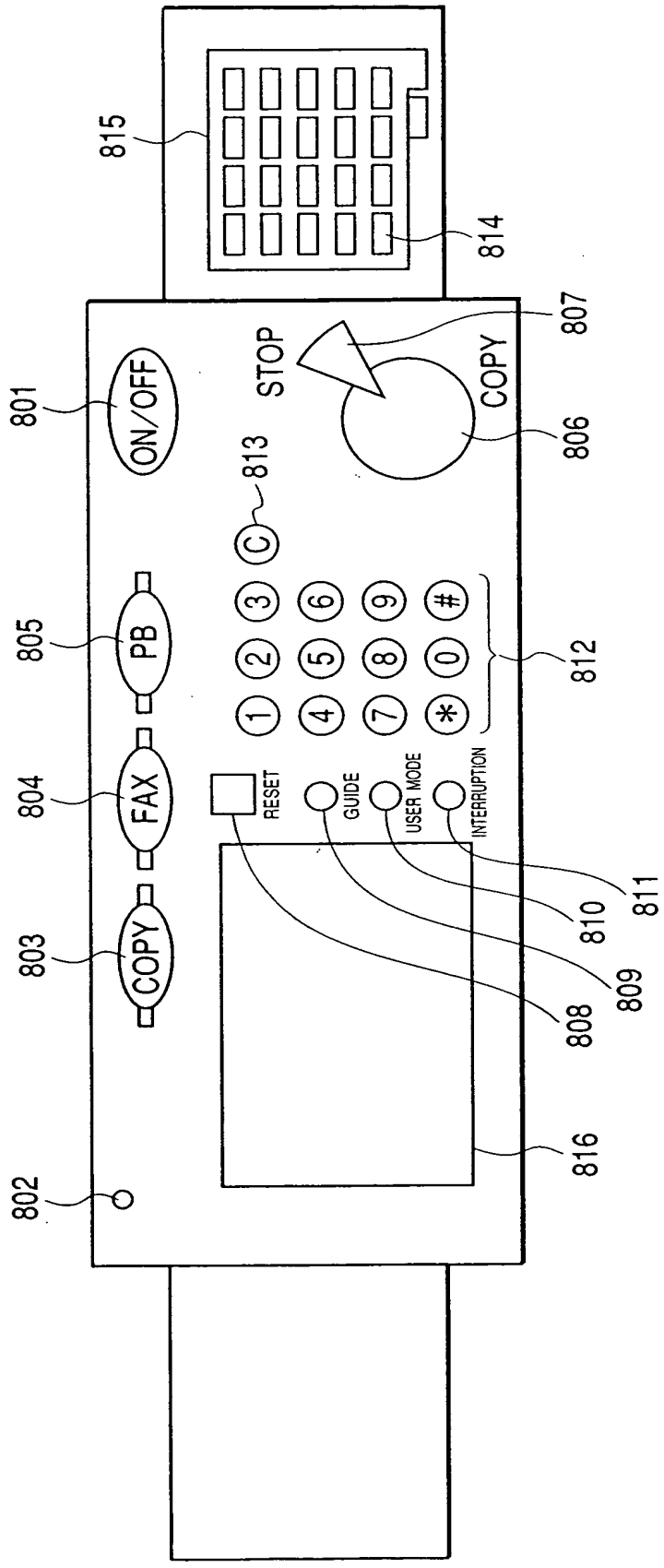

815
814
807
801
ON/OFF
STOP
COPY
806
813
C
805
PB
1 2 3 6 9 #
4 5 8 0
7 *
812
804
FAX
RESET
GUIDE
USER MODE
INTERRUPTION
803
COPY
810
811
809
808
816
802

FIG. 9

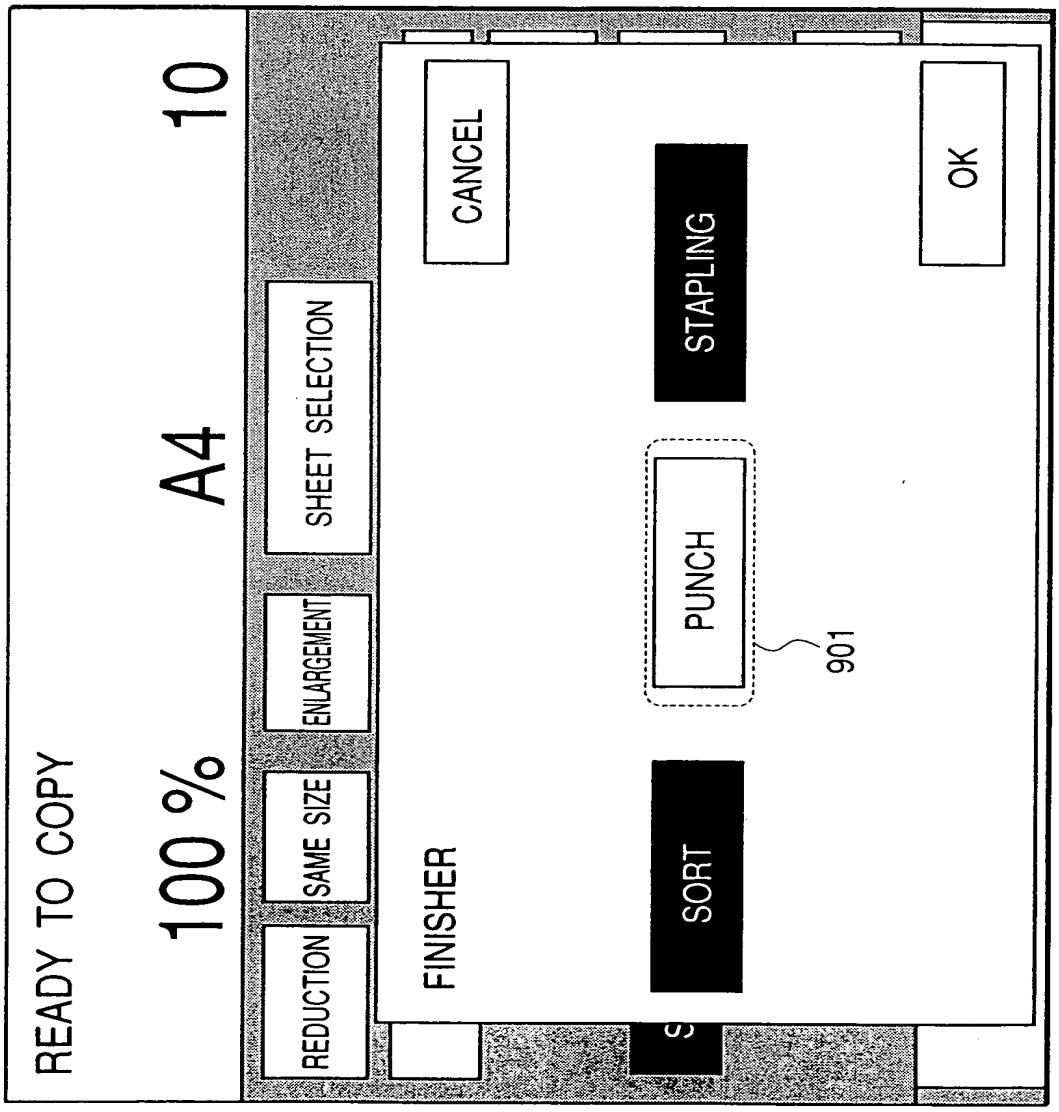

READY TO COPY
100 %
A4
10
REDUCTION
SAME SIZE
ENLARGEMENT
SHEET SELECTION
FINISHER
CANCEL
STAPLING
OK
PUNCH
SORT
901

FIG. 10

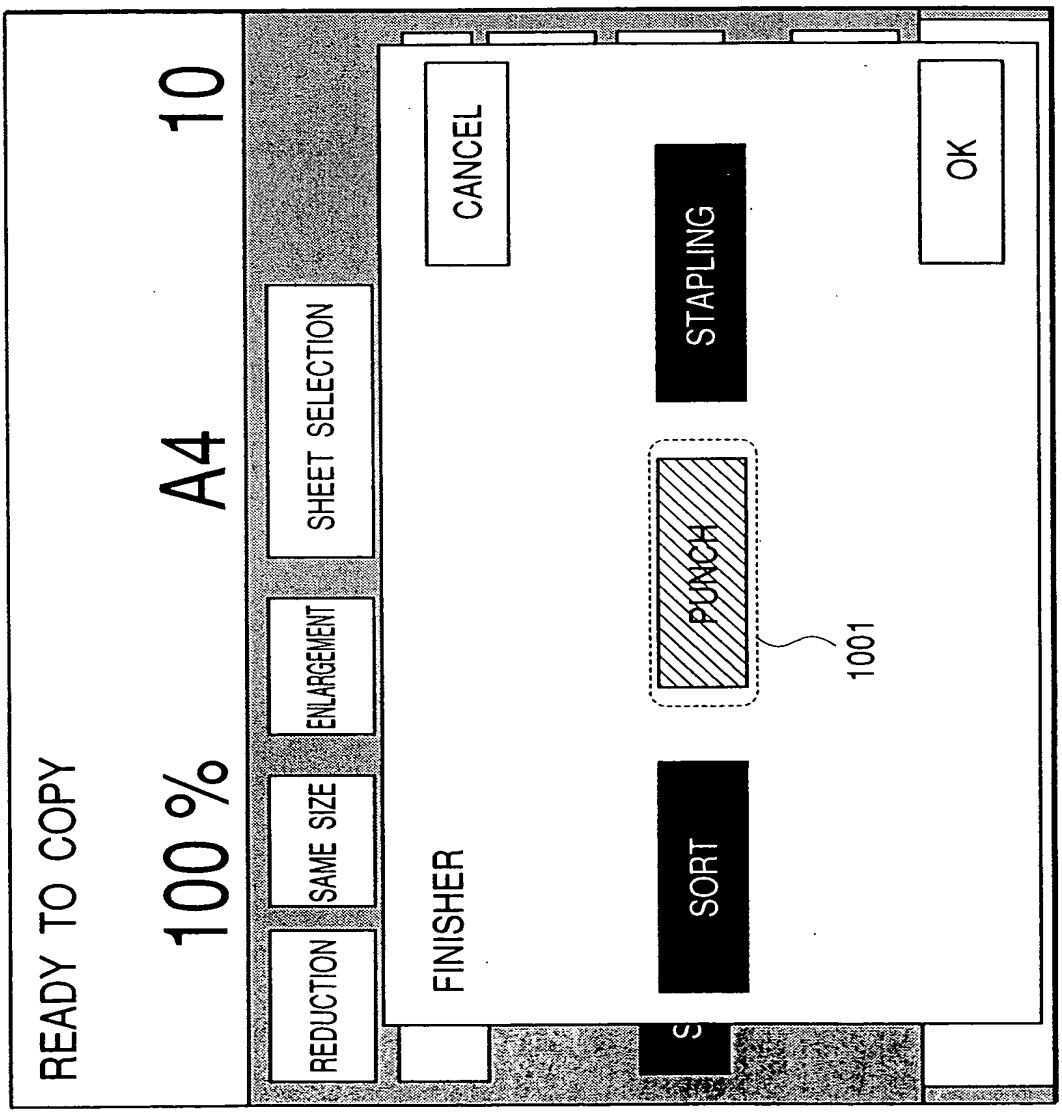
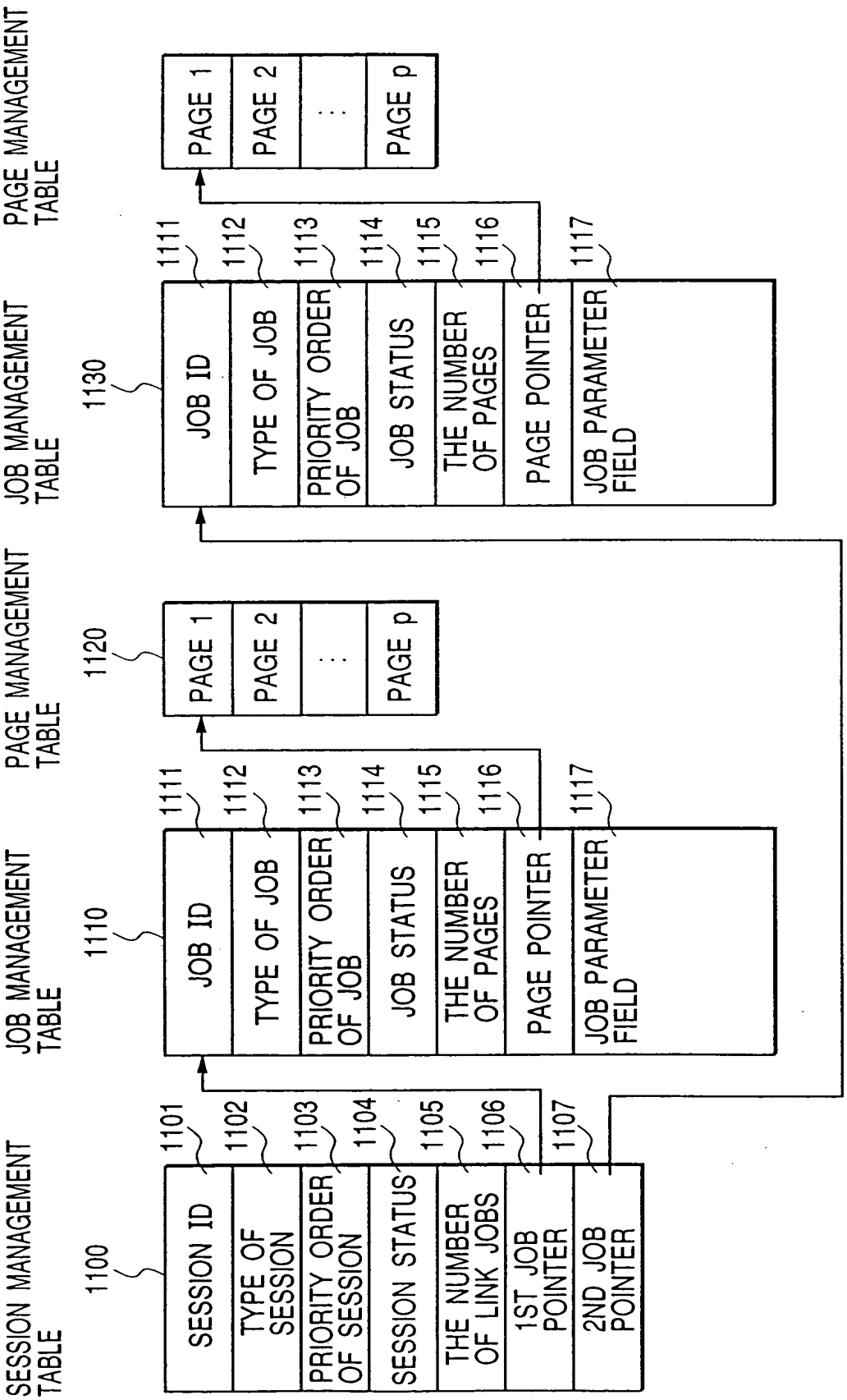

READY TO COPY
100 %
A4
10
REDUCTION
SAME SIZE
ENLARGEMENT
SHEET SELECTION
FINISHER
CANCEL
STAPLING
OK
SORT
PUNCH
1001

FIG. 11


SESSION MANAGEMENT TABLE
1100
SESSION ID
TYPE OF SESSION
PRIORITY ORDER OF SESSION
SESSION STATUS
THE NUMBER OF LINK JOBS
1ST JOB POINTER
2ND JOB POINTER
1101
1102
1103
1104
1105
1106
1107
JOB MANAGEMENT TABLE
1110
JOB ID
TYPE OF JOB
PRIORITY ORDER OF JOB
JOB STATUS
THE NUMBER OF PAGES
PAGE POINTER
JOB PARAMETER FIELD
1111
1112
1113
1114
1115
1116
1117
PAGE MANAGEMENT TABLE
1120
PAGE 1
PAGE 2
PAGE p
JOB MANAGEMENT TABLE
1130
JOB ID
TYPE OF JOB
PRIORITY ORDER OF JOB
JOB STATUS
THE NUMBER OF PAGES
PAGE POINTER
JOB PARAMETER FIELD
1111
1112
1113
1114
1115
1116
1117
PAGE MANAGEMENT TABLE
PAGE 1
PAGE 2
PAGE p